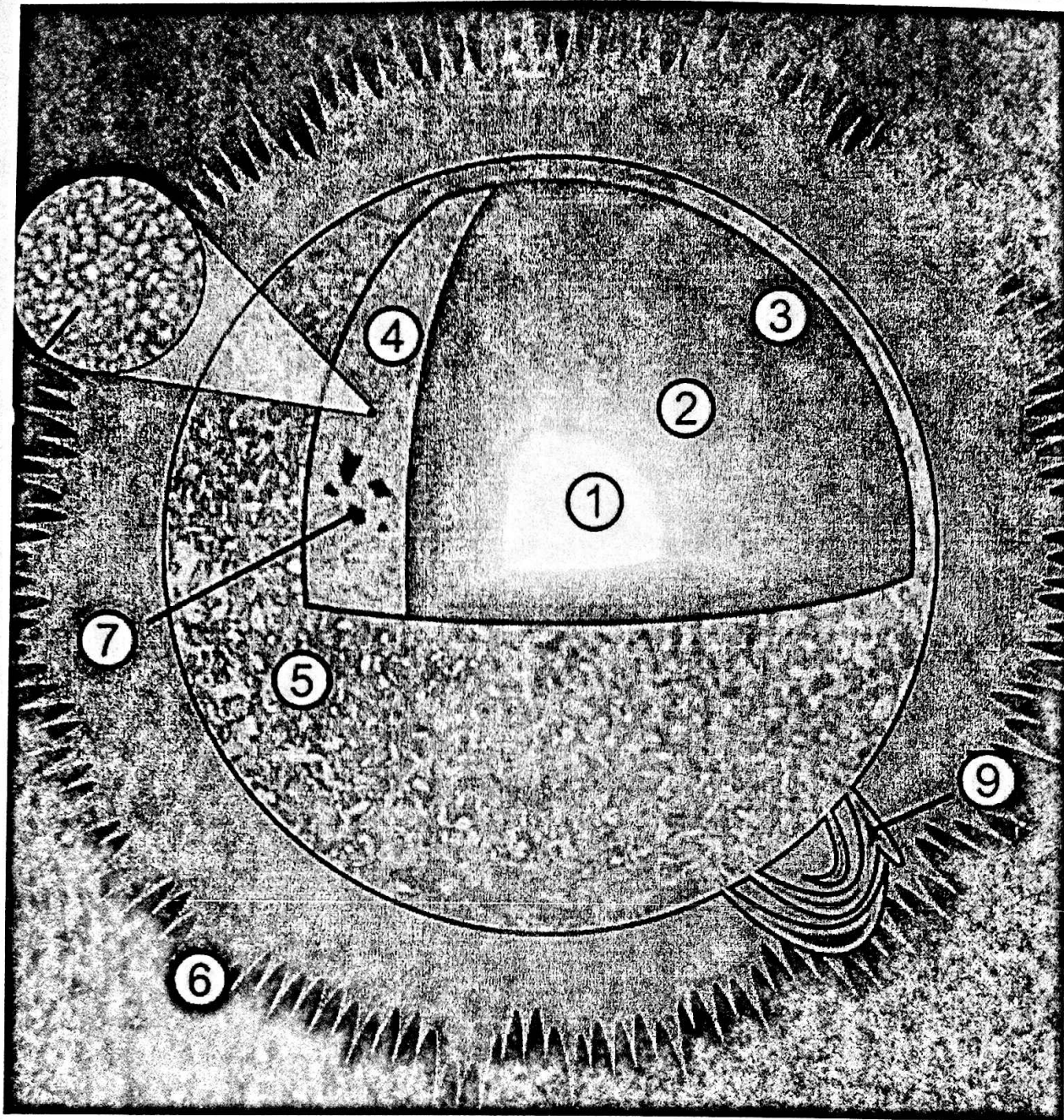


Galaxies & the Milky Way – Study Guide

- 1 – What is a galaxy? _____
- 2 – What is the name of our galaxy & how many stars does it contain? _____
- 3 – Name & describe the 3 types of galaxies. Give an example of each type (shape &/or Draw).
- 4 – How do the planets orbit the sun? _____
- 5 – Explain how galaxies form & what evidence supports this idea.
- 6 – How long does it take the sun to revolve around the center of the Milky Way? _____
- 7 – How fast is the sun traveling? 225km/s Now, convert this into mph. (1 mile = 1.6 km)
- 8 – Draw a diagram of the Milky Way galaxy & indicate where the sun is located. (Rough sketch)
- 9 – What is thought to be at the center of the Milky Way? (Explain)
10. What is the event horizon and what goes on there/ what do we think goes on there?



1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

9. _____